What is claimed is:

1.   A glass composition comprising the following glass ingredients:

45 to 75 % by weight of SiO_2;

1 to 20 % by weight of Al_2O_3;

0 to 8 % by weight, zero inclusive, of B_2O_3;

$SiO_2 + Al_2O_3 + B_2O_3$ accounting for 60 to 90 % by weight;

a total of 0 to 20 % by weight, zero inclusive, of R_2O compounds, where R = Li, Na, and K; and

a total of 0 to 15 % by weight, zero inclusive, of $TiO_2 + ZrO_2 + Ln_xO_y$, where Ln_xO_y represents at least one compound selected from the group consisting of lanthanoid metal oxides, Y_2O_3, Nb_2O_5, and Ta_2O_5.

2.   A glass composition as claimed in claim 1, further comprising the following glass ingredients:

a total of 12 % or less by weight of one or two or more R'O compounds, where R' = Mg, Ca, Sr, Ba, and Zn.

3.   A glass substrate formed of a glass composition comprising the following glass ingredients:

45 to 75 % by weight of SiO_2;

1 to 20 % by weight of Al_2O_3;

0 to 8 % by weight, zero inclusive, of B_2O_3;

$SiO_2 + Al_2O_3 + B_2O_3$ accounting for 60 to 90 % by weight;

a total of 0 to 20 % by weight, zero inclusive, of R_2O compounds, where R = Li, Na,

and K; and

a total of 0 to 15 % by weight, zero inclusive, of $TiO_2 + ZrO_2 + Ln_xO_y$, where Ln_xO_y represents at least one compound selected from the group consisting of lanthanoid metal oxides, Y_2O_3, Nb_2O_5, and Ta_2O_5.

4.   A glass substrate as claimed in claim 3, further comprising the following glass ingredients:

a total of 12 % or less by weight of one or two or more R'O compounds, where R' = Mg, Ca, Sr, Ba, and Zn.

5.   A glass substrate as claimed in claim 3, wherein the glass substrate is not subjected to strengthening.

6.   A glass substrate as claimed in claim 3, wherein the glass substrate is a substrate for a magnetic disk.

7.   A glass substrate as claimed in claim 3, wherein the glass substrate has a fracture toughness Kc of 0.90 MPa / $m^{1/2}$ or greater.

8.   A glass substrate as claimed in claim 3, wherein the glass substrate has SiO_2 elution A in a range of from 10 to 450 ppb per 2.5-inch disk.

9.   A glass substrate as claimed in claim 3, wherein the glass substrate has a fracture toughness Kc of 0.90 MPa / $m^{1/2}$ or greater, and has SiO_2 elution A in a range of from

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10 to 450 ppb per 2.5-inch disk, with a ratio of the SiO_2 elution A to the fracture toughness Kc in a range of from 3 to 500.

10.   A glass substrate as claimed in claim 3, wherein the glass substrate has alkali elution B of 350 ppb or lower per 2.5-inch disk.

11.   A glass substrate as claimed in claim 3, wherein the glass substrate is not subjected to strengthening, and has a specific elastic modulus E / ρ of 30 or higher.

12.   A glass substrate as claimed in claim 3, wherein the glass substrate is not subjected to strengthening, and has a Vickers hardness Hv in a range of from 500 to 700.

13.   A glass substrate as claimed in claim 3, wherein the glass substrate is not subjected to strengthening, and has a linear thermal expansion coefficient α in a range of from 40×10^{-7} / °C to 90×10^{-7} / °C.

14.   A glass substrate as claimed in claim 3, wherein the glass substrate exhibits a weight reduction factor lower than 8.0 % when kept in a melted state at 1 500 °C for 24 hours.

15.   A glass substrate as claimed in claim 3, wherein the glass substrate has a glass transition temperature Tg of 600 °C or lower.

16.   A glass substrate as claimed in claim 3, wherein the glass substrate has a liquid phase temperature T_L of 1 300 °C or lower.

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17. A glass substrate as claimed in claim 3, wherein a temperature $T_{\log \eta = 2}$ at which the glass substrate has a melt viscosity of $\log \eta = 2$ is 1 550 °C or lower.

18. A magnetic disk substrate comprising a glass substrate as claimed in claim 3 and a magnetic film formed on at least one surface thereof.

19. A magnetic disk substrate as claimed in claim 18, wherein the glass substrate further comprises the following glass ingredients:

a total of 12 % or less by weight of one or two or more R'O compounds, where R' = Mg, Ca, Sr, Ba, and Zn.

20. A magnetic disk substrate as claimed in claim 18, wherein the glass substrate is not subjected to strengthening.

21. A magnetic disk substrate as claimed in claim 18, wherein the glass substrate has a fracture toughness Kc of 0.90 MPa / $m^{1/2}$ or greater.

22. A magnetic disk substrate as claimed in claim 18, wherein the glass substrate has SiO_2 elution A in a range of from 10 to 450 ppb per 2.5-inch disk.

23. A magnetic disk substrate as claimed in claim 18, wherein the glass substrate has a fracture toughness Kc of 0.90 MPa / $m^{1/2}$ or greater, and has SiO_2 elution A in a range of from 10 to 450 ppb per 2.5-inch disk, with a ratio of the SiO_2 elution A to the fracture

toughness Kc in a range of from 3 to 500.

24.   A magnetic disk substrate as claimed in claim 18, wherein the glass substrate has alkali elution B of 350 ppb or lower per 2.5-inch disk.

25.   A magnetic disk substrate as claimed in claim 18, wherein the glass substrate is not subjected to strengthening, and has a specific elastic modulus E / ρ of 30 or higher.

26.   A magnetic disk substrate as claimed in claim 18, wherein the glass substrate is not subjected to strengthening, and has a Vickers hardness Hv in a range of from 500 to 700.

27.   A magnetic disk substrate as claimed in claim 18, wherein the glass substrate is not subjected to strengthening, and has a linear thermal expansion coefficient α in a range of from 40×10^{-7} / °C to 90×10^{-7} / °C.

28.   A magnetic disk substrate as claimed in claim 18, wherein the glass substrate exhibits a weight reduction factor lower than 8.0 % when kept in a melted state at 1 500 °C for 24 hours.

29.   A magnetic disk substrate as claimed in claim 18, wherein the glass substrate has a glass transition temperature Tg of 600 °C or lower.

30.   A magnetic disk substrate as claimed in claim 18, wherein the glass substrate has a liquid phase temperature T_L of 1 300 °C or lower.

31. A magnetic disk substrate as claimed in claim 18, wherein a temperature $T_{\log \eta = 2}$ at which the glass substrate has a melt viscosity of $\log \eta = 2$ is 1 550 °C or lower.